

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5004484").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/19 14:44
L2	1	("4719748").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/19 15:04
L3	1	("5101623").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/19 15:50
S1	54	("2678531" "2678532" "2869324" "2883948" "3238719" "3651641" "3657879" "3696795" "3734111" "4128994" "4176637" "4248039" "4259837" "4273527" "4478553" "4483137" "4491093" "4509324" "4522024" "4714414" "4753068" "4841721" "4928478" "5050375" "5175995" "5255505" "5271215" "5357741" "5380088" "5617716" "5617719" "5627719" "5658358" "5680764" "5690039" "5722241" "5743080" "5771678" "5784875" "5930990" "6042090" "6089024" "6158962" "6183240" "6263661" "6284666" "6289666" "6293086" "6370862" "6398518" "6418724" "6453659" "6564556" "6779786").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/08 11:13
S2	207657	manifold	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:23
S3	1671678	nozzle or orifice or openings or nozzles or orifices	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:23
S4	60615	S3 same S2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S5	18611	S3 near4 S2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24

S6	14963	S3 near3 S2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S7	808521	injector or injection	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S8	4392	S7 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S9	134930	non adj uniform	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S10	42617	nonuniform	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:24
S11	169202	S9 or S10	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:25
S12	271	S11 and S8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:25
S13	3376	S11 same S7	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:30
S14	478	S11 near4 S7	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:30
S15	399	S11 near3 S7	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:30
S16	279	S11 near2 S7	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:30
S17	1087	S3 near4 S11	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:37
S18	308	(S3 near4 S11) and (mix or mixer or blends or blender or mixes or mixing or blending)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:38
S19	10	("3811095" "4021753" "4031485" "4097820" "4290031" "4290032" "4307842" "4457000" "4483006" "5658535").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:45

S20	66	"3361195" "3405323" "3626252" "4069497" "4072188" "4092697" "4109707" "4151547" "4226281" "4233645" "4254431" "4258411" "4323914" "4341432" "4381032" "4462462" "4494171" "4531146" "4546409" "4551787" "4558395" "4561011" "4561040" "4567505" "4602314" "4607277" "4612601" "4635709" "4639829" "4729060" "4730665" "4730666" "4758926" "4838041" "4866570" "4909315" "4940085" "5016090" "5088005").PN. OR ("5265670"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:50
S21	0	"377107".ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:52
S22	312	"366/107".ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:52
S23	9	("3220710" "3785779" "4903491" "4905474" "5338496" "6095196" "6179997" "6189871").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:54
S24	377	366/173.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:58
S25	8	("0694210" "1716294" "4580597" "4609010" "4987922" "5938326").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:59
S26	22	("0939540" "1706418" "2582802" "2751425" "2976024" "3367542" "3391908" "3661364" "3666663" "4045004" "4365988" "4470316" "4494413").PN. OR ("4859071"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:05
S27	1012	366/173 2,173 1,167.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:14
S28	94	366/173 2,173 1,167.1.ccls. and (volt or voltage or electrical or dc)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:14
S29	129	366/173 2,173 1,167.1.ccls. and (volt or voltage or electrical or dc or ac)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:14

S30	116	366/173.2,173.1,167.1.cds. and (volt or voltage or electrical or ac)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:15
S31	80	366/173.2,173.1,167.1.cds. and (volt or voltage or electrical)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:15
S32	26	("4175871" "4684254" "4908112" "5429734" "5632876" "5824204" "5846396").FN. OR ("6086243"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:17
S33	170	("20010037979" "20010041357" "20020036140" "20020041827" "20020079219" "20020100714" "20020110902" "20020117517" "20020121487" "20020122474" "20020123153" "20020139931" "20020158195" "20020170825" "20020182649" "20030000835" "20030013203" "20030017609" "20030026740" "20030029724" "20030047680" "20030066959" "20030073260" "20030082080" "20030089605" "20030089606" "20030106799" "20030111599" "20030141392" "20030146757" "20030148922" "20030153007" "20030180965" "20030213918" "20030215855" "20030224531" "20040053333" "20040075050" "20040084402" "20040096960" "20040113068" "20040159783" "20040206399" "20040229377" "20050000569" "20050047969" "20050072915" "20050123688" "20050178960" "20060022130" "20060060769" "20070051824" "20070057179" "4443319" "4483885" "4908112" "4963736" "5115131" "5223226" "5296114" "5306910" "5358618" "5393975" "5423964" "5599432" "5624539" "5705813" "5716825" "5788166" "5800690" "5833861" "5856671" "5858188" "5858195"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:18

"5866345" | "5868322" |
 "5872010" | "5885470" |
 "5914184" | "5917184" |
 "5935401" | "5945678" |
 "5958202" | "5965001" |
 "5969353" | "5993633" |
 "5994696" | "6001229" |
 "6010607" | "6010608" |
 "6012902" | "6033546" |
 "6033628" | "6054034" |
 "6056860" | "6068749" |
 "6086243" | "6110343" |
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 "6231737").PN. OR ("6238538" |
 "6240790" | "6245227" |
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 "6284113" | "6284115" |
 "6318970" | "6322682" |
 "6337740" | "6342142" |
 "6368562" | "6375817" |
 "6394942" | "6409900" |
 "6413401" | "6416642" |
 "6417510" | "6423198" |
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 "6450047" | "6450189" |
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 "6462337" | "6464866" |
 "6465776" | "6475363" |
 "6475441" | "6481648" |
 "6491804" | "6495016" |
 "6500323" | "6514399" |
 "6517234" | "6524456" |
 "6541768" | "6555067" |
 "6569324" | "6576896" |
 "6596988" | "6602472" |
 "6605472" | "6607644" |
 "6621076" | "6627076" |
 "6627882" | "6632655" |
 "6653625" | "6670607" |
 "6681788" | "6695009" |
 "6709559" | "6733645" |
 "6744046" | "6803568" |
 "6814859" | "6969850" |
 "7105812" | "RE34757").PN.

S34	377	366/173.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:22
S35	0	366/167.1..ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:22
S36	361	366/167.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 12:22

S37	3428	electroosmotic	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:28
S38	846	electroosmotic and "high voltage"	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:28
S39	0	electroosmotic and "high voltage" and pipeline	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:28
S40	78	electroosmotic and "high voltage" and pipe	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:28
S41	195	"5632876"	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:38
S42	1	("3570513").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/09 17:44
S43	1	("4859071").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:56
S44	4	"4859071" or "10686191"	US-PGPUB; USPAT	OR	OFF	2009/07/07 09:56
S45	1	("4859071").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/18 15:38
S46	2	((("3570513") or ("20030086333")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/18 15:39
S47	1	"10686191"	US-PGPUB; USPAT	OR	OFF	2009/11/18 16:49
S48	1	"11354752"	US-PGPUB; USPAT	OR	OFF	2009/11/18 17:17
S49	1	"11591862"	US-PGPUB; USPAT	OR	OFF	2009/11/18 17:18
S50	6670	sprayer and (holes or orifice)	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:30
S51	720	sprayer and ((holes or orifice) same (vary! or varied! or varying! or alter! or alternatel!))	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:33
S52	145	sprayer and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternatel!))	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:33
S53	779	injector and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternatel!))	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:47
S54	623	injector and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternatel!)) and (pipe! or pipeline! or tube! or conduit! or duct! or channel!)	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:48
S55	141	injector and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternatel!)) and ((pipe! or pipeline! or tube! or conduit! or duct! or channel!) near4 injector)	US-PGPUB; USPAT	OR	OFF	2009/11/19 09:48

S56	453	sleeve and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternate!)) and ((pipe! or pipeline! or tube! or conduit! or duct! or channel!) near4 sleeve)	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:36
S57	75	sleeve and ((holes or orifice) near4 (vary! or varied! or varying! or alter! or alternate!)) and ((pipe! or pipeline! or tube! or conduit! or duct! or channel!) near4 sleeve) and (jet or jets!)	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:37
S58	15	soohoo.xp. and (sleeve and (jet! or jets!))	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:45
S59	2	soohoo.xa. and (sleeve and (jet! or jets!))	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:46
S60	9	soohoo.xa. and (sleeve same inner)	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:46
S61	47	soohoo.xp. and (sleeve same inner)	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:47
S62	10	soohoo.xp. and (sleeve same angle)	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:47
S63	24	soohoo.xp. and "366"/\$.ccls. and "261"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2009/11/19 10:48
S64	22	("1826776" "3193257" "3219483" "3409274" "4123800" "4212544" "4230410" "4474477" "4625916" "4656001" "4666669" "4743405" "4761077" "5004484" "5073309" "5131757" "5338113" "5492404").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/19 10:48
S65	157	("0795044" "1826776" "1848122" "2516684" "2543517" "2579282" "2653801" "2747844" "2937141" "3332442" "3341131" "3409274" "3653182" "3669417" "3954921" "4053142" "4123800" "4160526" "4344752" "4474477" "4761077").PN. OR ("3219483" "3409274" "4230410" "4474477" "4625916" "5004484").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/19 10:56
S66	5	("6767007").URPN.	USPAT	OR	OFF	2009/11/19 11:01

S67	79	"0145538" "0427193" "0613093" "0847010" "1140548" "1315931" "1427202" "1677265" "1846220" "1848122" "2089132" "2094664" "2115470" "2452260" "2455498" "2483426" "2820620" "3331590" "3409274" "3984504" "4046189" "4053142" "4123800" "4173178" "4211277" "4473512" "4474477" "4498786" "4505865" "4625916" "4656001" "4689237" "4732712" "4743405" "4761077" "4874560" "4919541" "4931225" "5004484" "5131757" "5194187" "5240650" "5291943" "5338113" "5395569" "5492404" "5496505" "5575232" "5622655" "5743638" "5820259" "5935490" "5980613" "6017569" "6019895" "6082712" "6082713" "6186481" "6238912" "6290917") .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/19 11:01
S68	1	"10686191"	US-PGPUB; USPAT	OR	OFF	2009/11/19 13:06

EAST Search History (Interference)

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11/ 19/ 2009 4:03:41 PM

**C:\ Documents and Settings\ tsoohoo\ My Documents\ EAST\ Workspaces\ EAST SEARCHES\ injectors
to a pipe\ non unifom distrubtion of orifice in a curved manifold.wsp**